

Author and year	Study design	Study period	Country	Equity	Participants	Mean age [range]	Risk of bias	N°. of dp	MA?	Exposure	Exposure measure	Outcome measure	N
Kontostoli 2022 <sup>95</sup>	Cross-sectional	2015-2016	UK	High income country with mixed SEP	Adolescents part of the Millennium Cohort Study	14.2 [NR]	Low	6	No	Time Spent on SM	Time spent browsing and updating SNS on a weekday	Moderate-to-vigorous physical activity ( <i>via accelerometer</i> )	4,546
										Time Spent on SM	Time spent browsing and updating SNS on a weekday	Overall physical activity ( <i>via accelerometer</i> )	4,546
										Time Spent on SM	Time spent browsing and updating SNS on a weekday	Sedentary behaviour	3,551
Koutamanis 2015 <sup>96</sup>	Cross-sectional	2012	Netherlands	High income country	Families with ≥2 adolescents aged 10-15	12.6 [12-15]	High	1	No	Freq. of SM use	Freq. of online social exploration on SNS	Freq. of risky online self-presentation	758
Kwon 2022 <sup>97</sup>	Cross-sectional	2017	South Korea	High income country with mixed SEP	Middle and high school students' part of the Korea Youth Health Risk Behaviour Web Based Online Survey	15.0 [12-18]	Low	4	No	Freq. of SM use	Freq. of SNS use in the past 30 days	Moderate to vigorous aerobic physical activity at least 5 days per week or vigorous physical activity at least 3 days per week in the past 7 days	53,133
										Freq. of SM use	Freq. of SNS use in the past 30 days	Muscle-strengthening activity for at least 3 days per week in past 7 days	53,133
Landry 2013 <sup>98</sup>	Cross-sectional	2011-2012	USA	High income country	Grade 9-10 Latino high school students in Maryland	15.7 [13-19]	High	2	Yes	Freq. of SM use	Freq. of logging into SM sites	No contraception use at last sex	118
										Other SM activities	Has a Facebook account	No contraception use at last sex	118
Larm 2017 <sup>99</sup>	Cross-sectional	2010	Sweden	High income country	Grade 9 primary school students' part of the Survey of Adolescent Life in Vastmanland	NR [15-16]	High	2	Yes	Time spent on SM	Online social network chatting	Alcohol use ( <i>via AUDIT-C</i> )	2,439
Larm 2019 <sup>100</sup>	Repeat cross-sectional	2008 2010 2012	Sweden	High income country	Grade 9 students' part of the Survey of Adolescent Life in Vastmanland	NR [15-16]	High	2	Yes	Time spent on SM	Time spent on SM/ chatting per day	Drinking in the past year ( <i>via AUDIT-C</i> )	2605 (RCS: 2008)  2045 (RCS: 2012)
Lee 2015 <sup>101</sup>	Cross-sectional	2012	South Korea	High income country	Grade 1-3 middle school and Grade 5-6 elementary school students residing in Incheon	NR [11-16]	High	1	No	Time spent on SNS per day	Time spent on SNS per day	Negative SNS behaviours (e.g., real money trading in SNS games, exposed to porn on SNS)	500